User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 15:06:57

Sample: AE07972
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 4/4/02 14:56 Ended: 4/15/02 14:56 Analyst: MN
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		8.5		2.0
2	bis(2-Chloroethyl)ether		16		2.0
3	1,3-Dichlorobenzene		13		2.0
4	1,4-Dichlorobenzene		14		2.0
5	1,2-Dichlorobenzene		14		2.0
6	2,2-oxybis(1-Chloropropane)		17		2.0
7	n-Nitrosodi-n-propylamine		18		2.0
8	Hexachloroethane		13		2.0
9	Nitrobenzene		14		2.0
10	Isophorone		14		2.0
11	bis(2-Chloroethoxy)methane		16		2.0
12	1,2,4-Trichlorobenzene		13		2.0
13	Naphthalene		16		2.0
14	Hexachlorobutadiene		13		2.0
15	2-Chloronaphthalene		15		2.0
16	Dimethylphthalate		18		2.0
17	2,6-Dinitrotoluene		12		2.0
18	Acenaphthylene		17		2.0
19	Acenaphthene		17		2.0
20	2,4-Dinitrotoluene		12		2.0
21	Diethylphthalate		18		2.0
22	4-Chlorophenylphenylether		16		2.0
23	Fluorene		16		2.0
24	Azobenzene		18		2.0
25	n-Nitrosodiphenylamine		18		2.0
26	4-Bromophenylphenylether		14		2.0
27	Hexachlorobenzene		14		2.0
28	Phenanthrene		17		2.0
29	Anthracene		15		2.0
30	Di-n-butylphthalate		18		2.0
31	Fluoranthene		16		2.0
32	Pyrene		18		2.0
33	Butylbenzylphthalate		16		2.0
34	Benzo(a)anthracene		20		2.0
35	bis(2-Ethylhexyl)phthalate		16		2.0
36	Chrysene		22		2.0
37	Di-n-octylphthalate		9.5		2.0
38	Benzo(b)fluoranthene		14		2.0
39	Benzo(k)fluoranthene		15		2.0
40	Benzo(a)pyrene		14		2.0
41	Indeno(1,2,3-cd)pyrene		14		2.0
42	Dibenz(a,h)anthracene		18		2.0
43	Benzo(g,h,i)perylene		20		2.0

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 15:06:53

Sample: AE07972
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 4/4/02 14:56 Ended: 4/15/02 14:56 Analyst: MN
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		42		2.0
2	bis(2-Chloroethyl)ether		80		2.0
3	1,3-Dichlorobenzene		65		2.0
4	1,4-Dichlorobenzene		70		2.0
5	1,2-Dichlorobenzene		70		2.0
6	2,2-oxybis(1-Chloropropane)		85		2.0
7	n-Nitrosodi-n-propylamine		90		2.0
8	Hexachloroethane		65		2.0
9	Nitrobenzene		70		2.0
10	Isophorone		70		2.0
11	bis(2-Chloroethoxy)methane		80		2.0
12	1,2,4-Trichlorobenzene		65		2.0
13	Naphthalene		80		2.0
14	Hexachlorobutadiene		65		2.0
15	2-Chloronaphthalene		75		2.0
16	Dimethylphthalate		90		2.0
17	2,6-Dinitrotoluene		60		2.0
18	Acenaphthylene		85		2.0
19	Acenaphthene		85		2.0
20	2,4-Dinitrotoluene		60		2.0
21	Diethylphthalate		90		2.0
22	4-Chlorophenylphenylether		80		2.0
23	Fluorene		80		2.0
24	Azobenzene		90		2.0
25	n-Nitrosodiphenylamine		90		2.0
26	4-Bromophenylphenylether		70		2.0
27	Hexachlorobenzene		70		2.0
28	Phenanthrene		85		2.0
29	Anthracene		75		2.0
30	Di-n-butylphthalate		90		2.0
31	Fluoranthene		80		2.0
32	Pyrene		90		2.0
33	Butylbenzylphthalate		80		2.0
34	Benzo(a)anthracene		100		2.0
35	bis(2-Ethylhexyl)phthalate		80		2.0
36	Chrysene		110		2.0
37					
38	Benzo(b)fluoranthene		70		2.0
39	Benzo(k)fluoranthene		75		2.0
40	Benzo(a)pyrene		70		2.0
41	Indeno(1,2,3-cd)pyrene		70		2.0
42	Dibenz(a,h)anthracene		90		2.0
43	Benzo(g,h,i)perylene		100		2.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020415\0404REF1.D Vial: 4
Acq On : 15 Apr 2002 1:10 pm Operator: Nefliu
Sample : 04/04 ref Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 16 11:04:46 2002 Quant Results File: 041202SCAN.RE

Quant Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue Apr 16 11:02:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.98	152	4137069	40.00	ug/L	-0.01
10) Napthalene-d8	13.49	136	16059806	40.00	ug/L	-0.01
17) Acenapthalene-d10	18.63	164	9256436	40.00	ug/L	-0.01
29) Phenanthranene-d10	23.02	188	14354775	40.00	ug/L	-0.01
37) Chrysene-d12	30.89	240	12520675	40.00	ug/L	-0.02
43) Perylene-d12	34.79	264	8884019	40.00	ug/L	-0.02
System Monitoring Compounds						
27) TCMX	20.60	207	371729	7.24	ug/L	0.00
Spiked Amount 8.000			Recovery = 90.50%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	3.89	74	562734m	8.48	ug/L	
3) bis(2-Chloroethyl)ether	9.39	93	2006871	15.72	ug/L	91
4) 1,3-Dichlorobenzene	9.81	146	2063395	13.38	ug/L	98
5) 1,4-Dichlorobenzene	10.03	146	2166586	13.76	ug/L	97
6) 1,2-Dichlorobenzene	10.40	146	2053624	13.54	ug/l	98
7) 2,2'oxybis(1-Chloropropane	10.85	45	3240435m	17.16	ug/L	
8) N-nitroso-di-propylamine	11.18	70	1527628	17.76	ug/L	95
9) Hexachloroethane	11.31	117	678516	13.45	ug/L	92
11) Nitrobenzene	11.54	77	2005620	14.41	ug/L	98
12) Isophorone	12.25	82	3399138	14.06	ug/L	99
13) bis(2-Chloroethoxy) methan	12.99	93	2491442	15.99	ug/L	98
14) 1,2,4-Trichlorobenzene	13.35	180	1722873	13.33	ug/L	96
15) Napthalene	13.54	128	6411771	15.67	ug/L	99
16) Hexachlorobutadiene	13.99	225	944207	12.52	ug/L	99
18) 2-Chloronaphthalene	16.99	162	3524655	14.67	ug/L	99
19) Dimethylphthalate	18.06	163	4455892	17.51	ug/L	100
20) 2,6-Dinitrotoluene	18.17	165	682265	11.78	ug/L #	83
21) Acenapthylene	18.19	152	5739764	16.58	ug/L	99
22) Acenapthalene	18.72	153	4152179	16.61	ug/L	99
23) 2,4-Dinitrotoluene	19.33	165	806406	11.67	ug/L	94
24) Diethylphthalate	20.21	149	4536938	17.67	ug/L	98
25) 4-Chlorophenyl-phenylether	20.39	204	2212528	15.87	ug/L	94
26) Fluorene	20.26	166	4697719	16.35	ug/L	99
28) Azobenzene/1,2-Diphenylhyd	20.84	77	4750898	18.04	ug/L	96
30) Nnitrosodiphenylamine	20.75	169	2040174	17.74	ug/L	100
31) 4-Bromophenyl-phenylether	21.83	248	1246092	13.69	ug/L	93
32) Hexachlorobenzene	21.86	284	1405421	13.52	ug/L	99
33) Phenanthrene	23.08	178	6754675	16.82	ug/L	98
34) Anthracene	23.23	178	5943963	15.44	ug/L	99
35) Di-n-butylphthalate	25.16	149	7628174	18.21	ug/L	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020415\0404REF1.D Vial: 4
Acq On : 15 Apr 2002 1:10 pm Operator: Nefliu
Sample : 04/04 ref Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 16 11:04:46 2002 Quant Results File: 041202SCAN.RE

Quant Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue Apr 16 11:02:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	Fluoroanthene	26.61	202	6677189	15.90	ug/L	98
38)	Pyrene	27.24	202	7128828	17.73	ug/L	98
39)	Butylbenzylphthalate	29.60	149	2476703	15.66	ug/L	97
40)	Benzo(a)anthracene	30.86	228	6132369	20.42	ug/L	99
41)	Bis(2-ethylhexyl)phthalate	31.46	149	3225676	16.23	ug/L	94
42)	Chrysene	30.95	228	6199160	21.58	ug/L	99
44)	Di-n-octylphthalate	33.32	149	3853435	9.53	ug/L	98
45)	Benzo(b)fluoranthene	33.83	252	5183044	14.00	ug/L	97
46)	Benzo(k)fluoranthene	33.90	252	6061148	14.95	ug/L	97
47)	Benzo(a)pyrene	34.63	252	3820235m	14.26	ug/L	
48)	Indeno(1,2,3-cd)pyrene	37.49	276	2732104	14.40	ug/L	99
49)	Dibenz(a,h)anthracene	37.62	278	3556711	17.67	ug/L	97
50)	Benzo(g,h,i)perylene	38.25	276	3712982	19.60	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020415\0404REF1.D Vial: 4
Acq On : 15 Apr 2002 1:10 pm Operator: Nefliu
Sample : 04/04 ref Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 16 11:05 2002 Quant Results File: 041202SCAN.RES

Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue Apr 16 11:14:47 2002
Response via : Initial Calibration